

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-2. (Cancelled)

3. (Currently Amended) [[The]] A perpendicular magnetic recording head, comprising: according to claim 2, wherein the write shield has such a thickness that is thicker in each of edge portions than in a central portion

a main pole configured to generate a recording magnetic field in a perpendicular direction;

an auxiliary pole connected to the main pole on a leading side to the main pole; and

a write shield arranged apart from the main pole on a trailing side to the main pole and having a multilayered structure in which a nonmagnetic layer is sandwiched between magnetic layers, the write shield having such a shape that has a thickness that is larger in each of edge portions than in a central portion along a track width direction.

4. (Currently Amended) The perpendicular magnetic recording head according to claim [[2]] 3, wherein the write shield has ~~such~~ a shape such that a number of stacks of the magnetic layer and the nonmagnetic layer ~~that is~~ are larger in each of the edge portions than those in a central portion along the track width direction.

5. (Currently Amended) The perpendicular magnetic recording head according to claim [[2]] 3, wherein the auxiliary pole ~~has~~ comprises a multilayered structure in which a nonmagnetic layer is sandwiched between magnetic layers.

6.-7. (Cancelled)

8. (Currently Amended) [[The]] A magnetic disc apparatus, comprising: according to claim 7, wherein the write shield has such a thickness that is thicker in each of edge portions than in a central portion

a double layered perpendicular recording medium comprising a soft magnetic underlayer and a perpendicular recording layer, which are formed on a substrate; and

a perpendicular magnetic recording head comprising a main pole configured to generate a recording magnetic field in a perpendicular direction, an auxiliary pole connected to the main pole on a leading side to the main pole, and a write shield arranged apart from the main pole on a trailing side to the main pole and having a multilayered structure in which a nonmagnetic layer is sandwiched between magnetic layers, the write shield having such a shape such that a thickness is larger in each of edge portions than that in a central portion along a track width direction.

9. (Currently Amended) The magnetic disc apparatus according to claim [[7]] 8, wherein the write shield has such a shape that a number of stacks of the magnetic layer and the nonmagnetic layer that is are larger in each of edge portions than those in a central portion in a track width direction.

10. (Currently Amended) The magnetic disc apparatus according to claim [[7]] 8, wherein the auxiliary pole ~~has~~ comprises a multilayered structure in which a nonmagnetic layer is sandwiched between magnetic layers.